



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number
Thor GmbH, U.S. Agent: Acti-Chem Specialties, Inc., 56 Quarry Rd., Trumbull, CT 06611EPA Registration Number/File Symbol
67071-XXActive Ingredient(s) and/or representative test compound(s)
1,2-Benz-isothiazolin-3-one, 2-Methyl-4-isothiazolin-3-oneDate
June 7, 2006General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158)
Non-Food materials preservativeProduct Name
ACTICIDE® MBS 5050

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Lynn P. Tordo

Date

6/7/06

Typed or Printed Name and Title

Lynn P. Tordo, Regulatory Affairs Manager

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DATA MATRIX

Date June 7, 2006	EPA Reg No./File Symbol 67071-XX	Page 1 of 2
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY	Product ACTICIDE® MBS 5050	
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611		

Ingredient **2-methyl-4-isothiazolin-3-one; 1,2-Benzisothiazolin-3-one**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550 (61-1)	Product Identity and Composition		Thor	Own	
830.1600 & 830.1620 (61-2)	Statement of formula		Thor	Own	
830.1670 (61-3)	Discussion of formation of impurities		Thor	Own	
830.1700 (62-1)	Analysis				Not applicable to this non-integrated end-use product
830.1750 (62-2)	Certification of limits		Thor	Own	
830.1800 (62-3)	Analytical methods for enforcement limits				Not applicable to this non-integrated end-use product
830.6302 (63-2)	Color		Thor	Own	
830.6303 (63-3)	Physical state		Thor	Own	
830.6304 (63-4)	Odor		Thor	Own	
830.6313 (63-13)	Stability		Thor	Own	
830.6314 (63-14)	Oxidation / Reduction reaction				Not applicable
830.6315 (63-15)	Flammability				Not applicable
830.6316 (63-16)	Explosibility				Not applicable
Signature <i>Lynn P. Tordo</i>			Name and Title: Lynn P. Tordo Regulatory Affairs Manager		Date 07-June-2006

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[Note: the R.E.D. on MIT (page 1,V,3 and p. 88) states that data on the CIT/MIT combination are equally applicable to MIT]

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Approved OMB No. 2070-0060

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DATA MATRIX

Date March 29, 2006	EPA Reg No./File Symbol 67091-XX	Page 2 of 2
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY	Product ACTICIDE® MBS 5050	
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611		

Ingredient **2-methyl-4-isothiazolin-3-one; 1,2-Benzisothiazolin-3-one**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317 (63-17)	Storage stability				Study underway
830.6319 (63-19)	Miscibility		Thor	Own	
830.6320 (63-20)	Corrosion characteristics		Thor	Own	N.A.
830.6321 (63-21)	Dielectric breakdown voltage				N.A.
830.7000 (63-12)	pH		Thor	Own	
830.7100 (63-18)	Viscosity		Thor	Own	
830.7300 (63-7)	Density, bulk-density, or specific gravity		Thor	Own	
830.7840 (63-8)	Solubility		Thor	Own	
870.1100 (81-1)	Oral LD ₅₀ - rat		Thor	Own	
870.1200 (81-2)	Acute dermal LD ₅₀		Thor	Own	
870.1300 (81-3)	Acute inhalation LC ₅₀ - rat		Thor	Own	
870.2400 (81-4)	Primary eye irritation - rabbit		Thor	Own	
870.2500 (81-5)	Primary dermal irritation		Thor	Own	
870.2600 (81-6)	Dermal sensitization		Thor	Own	
870.1100 - .2600	Summary of Acute Toxicity		Thor	Own	

Signature <i>Lynn P. Tordo</i>	Name and Title: Lynn P. Tordo Regulatory Affairs Manager	Date: 07-June-2006
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DATA MATRIX

Date: June 7, 2006	EPA Reg No./File Symbol 67071-28	Page 1 of 3
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY	Product ACTICIDE® M20S	
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611	[Source for ACTICIDE® MBS 5050]	

Ingredient: **2-Methyl-4-isothiazolin-3-one**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550 (61-1)	Product Identity and Composition	45258501	Thor GmbH	Own	
830.1600 (61-2)	Beginning Materials	45258501	Thor GmbH	Own	
830.1620 (61.2)	Manufacturing Process	45258501	Thor GmbH	Own	
830.1670 (61-3)	Discussion of Formation of Impurities	45258501	Thor GmbH	Own	
830.1700 (62-1)	Preliminary Analysis	45258502	Thor GmbH	Own	
830.1750 (62-2)	Certified Limits	45258502	Thor GmbH	Own	
830.1800 (62-3)	Enforcement Analytical Method	45258502	Thor GmbH	Own	
830.6302 – 7300[1] (63-0)	Summary of Physical and Chemical Characteristics	45258503	Thor GmbH	Own	(1)
830.6302 (63-2)	Color	45258503	Thor GmbH	Own	
830.6303 (63-3)	Physical State	45258503	Thor GmbH	Own	
830.6304 (63-4)	Odor	45258503	Thor GmbH	Own	
830.6313 (63-13)	Stability	45258504	Thor GmbH	Own	
830.6320 (63-20)	Corrosion Characteristics	45258504	Thor GmbH	Own	
830.7000 (63-12)	pH	45258505	Thor GmbH	Own	
830.7100 (63-18)	Viscosity	45258506	Thor GmbH		
830.7300 (63-7)	Density	45258507	Thor GmbH		
Signature <i>Lynn P. Tordo</i>	Name and Title Lynn P. Tordo, Regulatory Affairs Manager			Date 07-Jun-2006	

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(1) Other physical chemical properties, not listed separately, are addressed in the Summary of Physical and Chemical Characteristics.

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DATA MATRIX

Date: June 7, 2006			EPA Reg No./File Symbol	Page 2 of 3	
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY			Product ACTICIDE® M20S [Source for ACTICIDE® MBS 5050]		
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611					
Ingredient: 2-Methyl-4-isothiazolin-3-one					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100 (71-1)	Avian Oral - Quail	43659801 & 44349201	Thor GmbH	Own	(1)
850.2200 (71-2)	Avian dietary	43419609		Own	
850.1075 (72-1)	Fresh water fish toxicity - rainbow trout	43419610 & 43419611	Thor GmbH	Own	
850.1010 (72-2)	Fresh water invertebrate toxicity (Daphnia)	43419612	Thor GmbH	Own	
850.1025 (72-3)	Estuarine and Marine Organisms	44297801	Thor GmbH	Own	
850.1035 (72-3)	Estuarine and Marine Organisms	44297802	Thor GmbH	Own	
850.1045 (72-3)	Estuarine and Marine Organisms	44540801	Thor GmbH	Own	
850.1055 (72-3)	Estuarine and Marine Organisms	44540802	Thor GmbH	Own	
850.1075 (72-3)	Estuarine and Marine Organisms	44540803	Thor GmbH	Own	
870.1100 (81-1)	Acute oral - rat	43419613	Thor GmbH	Own	
870.1200 (81-2)	Acute dermal - rat	43462003	Thor GmbH	Own	
870.1300 (81-3)	Acute Inhalation	43419614	Thor GmbH	Own	
870.2400 (81-4)	Primary eye irritation	42746514 (a)	Thor GmbH	Own	(1)
870.2500 (81-5)	Primary dermal irritation	43462004	Thor GmbH	Own	(1)
870.2600 (81-6)	Skin sensitization	42746516 (a)	Thor GmbH	Own	
870.3250 (82-3)	90-day dermal study	43462005 & 43834701	Thor GmbH	Own	
Signature <i>Lynn P. Tordo</i>			Name and Title Lynn P. Tordo, Regulatory Affairs Manager		Date 07-Jun-2006

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(1) Tests carried out at 1.5% dilution of MIT/CIT

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DATA MATRIX

Date: June 7, 2006			EPA Reg No./File Symbol		Page 3 of 3
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY			Product ACTICIDE® M20S [Source for ACTICIDE® MBS 5050]]		
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611					
Ingredient: 2-Methyl-4-isothiazolin-3-one					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3700 (83-3)	Teratogenicity – rat	43419615	Thor GmbH	Own	
870.5265 (84-2)	Gene mutation	43419616	Thor GmbH	Own	
870.5300 (84-2)	In-Vitro mammalian cells	43419617	Thor GmbH	Own	
	Chromosomal aberration	43419618	Thor GmbH	Own	
	Unscheduled DNA	43419620	Thor GmbH	Own	
870.5385 (84-2)	Mammalian bone marrow	44277601	Thor GmbH	Own	
870.5395 (84-2)	Mammalian in-vivo micronucleus	43419619	Thor GmbH	Own	
835.2120 (161-1)	Hydrolysis	43971801	Thor GmbH	Own	
Signature <i>Lynn P. Tordo</i>			Name and Title Lynn P. Tordo, Regulatory Affairs Manager		Date 07-Jun-2006

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DATA MATRIX

Date: June 7, 2006	EPA Reg No./File Symbol 67071-21	Page 1 of 2
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY	Product ACTICIDE® BIT (source for ACTICIDE MBS 5050)	
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611		

Ingredient: **1,2-Benzisothiazolin-3-one**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550 (61-1)	Product Identity and Composition	44981601	Thor GmbH	Own	
830.1600 (61-2)	Beginning Materials	44981601	Thor GmbH	Own	
830.1620 (61.2)	Manufacturing Process	44981601	Thor GmbH	Own	
830.1670 (61-3)	Discussion of Formation of Impurities	44981601	Thor GmbH	Own	
830.1700 (62-1)	Preliminary Analysis	45009701	Thor GmbH	Own	
830.1750 (62-2)	Certified Limits	45009701	Thor GmbH	Own	
830.1800 (62-3)	Enforcement Analytical Method	45009701	Thor GmbH	Own	
830.6302 - 6320 (63-0)	Summary of Physical and Chemical Characteristics	44981602	Thor GmbH	Own	
830.6302 (63-2)	Color	44981602	Thor GmbH	Own	
830.6303 (63-3)	Physical State	44981602	Thor GmbH	Own	
830-7200 (63-5)	Melting Point	44981603	Thor GmbH	Own	
830.7220 (63-6)	Boiling Point	44981603	Thor GmbH	Own	
830.7300 (63-7)	Density / Bulk Density	44981603	Thor GmbH	Own	
830-7840 (63-8)	Solubility	44981604	Thor GmbH	Own	
830.7950 (63-9)	Vapor Pressure	44981605	Thor GmbH	Own	
830.7550 (63-11)	Octanol / Water Partition Coefficient	44981606	Thor GmbH	Own	
830.7000 (63-12)	pH	44981602	Thor GmbH	Own	
830.6313 (63-13)	Stability	44981607	Thor GmbH	Own	
830.6320 (63-20)	Corrosion Characteristics	44981602	Thor GmbH	Own	
Signature <i>Lynn P. Tordo</i>	Name and Title Lynn P. Tordo, Regulatory Affairs Manager			Date 07-Jun-2006	

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Date: June 7, 2006			EPA Reg No./File Symbol 67072-21	Page 2 of 2	
Applicant's/Registrant's Name & Address Thor GmbH, Landwehrstrasse 1, D-67346 Speyer, GERMANY			Product ACTICIDE® BIT (source for ACTICIDE® MBS 5050)		
U.S. AGENT: Acti-Chem Specialties, Inc. 56 Quarry Road, Trumbull, CT 06611					
Ingredient: 1,2-Benzisothiazolin-3-one					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100 (71-1)	Avian Oral - Quail	40991301	Zeneca / ICI	Pay	
850.1075 (72-1)	Fresh water fish toxicity - rainbow trout	41687102	Zeneca	Pay	
850.1010 (72-2)	Fresh water invertebrate toxicity (Daphnia)	42949001	Zeneca	Pay	
870.1100 (81-1)	Acute oral - rat	41022101	Zeneca	Pay	
870.1200 (81-2)	Acute dermal - rat	41022102	Zeneca	Pay	
870.1300 (81-3)	Acute Inhalation	42905103	Zeneca	Pay	
870.2400 (81-4)	Primary eye irritation	42905102	Zeneca	Pay	
870.2500 (81-5)	Primary dermal irritation	42905101	Zeneca	Pay	
870.2600 (81-6)	Skin sensitization	41750001	Zeneca / ICI	Pay	
870.2600 (81-6)	Skin sensitization - Addendum	42858103	Zeneca / ICI	Pay	
870.3100 (82-1)	90-day feeding study - rats	41910401	Zeneca / ICI	Pay	
870.3700 (83-3)	Teratogenicity - rat	40961201	Zeneca / ICI	Pay	
870.3700 (83-3)	Teratogenicity - Addendum	42858104	Zeneca / ICI	Pay	
870.5265 (84-2)	Gene mutation - Ames	41687104	Zeneca / ICI	Pay	
870.5200 (84-2)	Mouse lymphoma L5178Y cell mutation	42858105	Zeneca / ICI	Pay	
870.5385 (84-2)	Mouse micronucleus test	41022104	Zeneca / ICI	Pay	
835.2120 (161-1)	Hydrolysis	41199101	Zeneca / ICI	Pay	
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